

ABSTRACT

A contactless data communication system includes a contactless identification tag having first identification information inherent to the contactless identification tag and includes a drive power generation means to generate drive power from an electromagnetic wave used for a power supply sent from a data communication system. An acquisition request receiving means receives an acquisition request of the first identification information from the data communication system and an identification information sending means sends the first identification information to the data communication system in response to the acquisition request of the first identification information received by the acquisition request receiving mean. The data communication system has a second identification information inherent to the data communication system includes an electromagnetic wave sending means for supplying power, which sends the electromagnetic wave used for the power supply to the contactless identification tag. An identification information acquisition means acquires the first identification information from the contactless identification tag existing within an area where communication is made. An information sending means sends the second identification information inherent to the data communication system and the first identification information acquired by the identification information acquisition means to other data communication systems. An information acquisition means acquires the second identification information inherent to the other data communication systems and the first identification information acquired in the other data communication systems from the other data communication systems. A position information computation means computes the position information of the contactless identification tag based on the second identification information and the first identification information acquired from the other data

communication systems.